

Rev. 04/01



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10/019596  
Docket No. VOS-26

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

Applicants : Plückthun, Andreas, Arndt, Katja,  
Müller, Kristian, and Pelletier, Joelle  
Application No.: 10/019,596  
Confirmation No.: 8037  
Examiner : Not yet assigned  
Group Art Unit : Not yet assigned  
Filed : December 26, 2001  
For : HETERO-ASSOCIATING COILED-COIL PEPTIDES

New York, New York  
March 18, 2002

Hon. Commissioner  
for Patents  
Washington, D.C. 20231

TRANSMITTAL LETTER FOR  
INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure  
Statement in the above-identified application. This  
Statement is submitted:

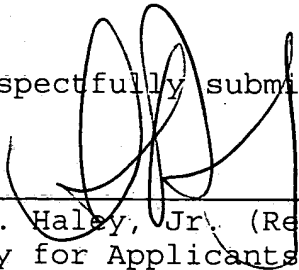
☒ within three months of the application filing  
date;

☐ more than three months from the application  
filing date but before the mailing date of  
the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of  
this Statement requires no fee. However, if for any reason

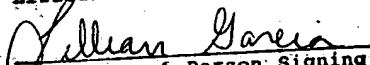
a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,

  
James F. Haley, Jr. (Reg. No. 27,794)  
Attorney for Applicants  
Stanley D. Liang (Reg. No. 43,753)  
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I Hereby Certify that this  
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Lillian Garcia

  
Signature of Person Signing



VOS-25

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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and Pelletier, Joelle

Application No. : 10/019,596

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New York, New York  
March 18, 2002

Hon. Commissioner for Patents  
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. § 1.97 AND 1.56

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants make of record the following  
document in the above-identified patent application, copies of which are submitted herewith:

Foreign Patent Applications

WO 98 34120

issued August 6, 1998

### Other References

Arndt, K. M. et al., "In-vivo selection of interacting peptide libraries by selectively-infective phages," FASEB JOURNAL, 11(9): p. A1327 (1997).

Arndt, K. M. et al., "A heterodimeric coiled-coil peptide pair selected *in vivo* from a designed library-versus-library ensemble," JOURNAL OF MOLECULAR BIOLOGY, 295(3): pp. 627-639 (2000).

Hodges, R. S., "De novo design of alpha-helical proteins: basic research to medical applications," BIOCHEMISTRY AND CELL BIOLOGY, 74(2): pp. 133-154 (1996).

John, M. et al., "Two pairs of oppositely charged amino acids from Jun and Fos confer heterodimerization to GCN4 leucine zipper," JOURNAL OF BIOLOGICAL CHEMISTRY, 269(23): pp. 16247-16253 (1994).

O'Shea, E. K. et al., "Mechanism of specificity in the Fos-Jun oncoprotein heterodimer," CELL, 68(4): pp. 699-708 (1992).

O'Shea, E. K. et al., "Peptide 'Velcro\*': design of a heterodimeric coiled coil," CURRENT BIOLOGY, 3(10): pp. 658-667 (1993).

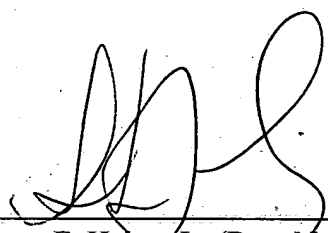
Pelletier, J. N. et al., "An in vivo library-versus-library selection of optimized protein-protein interactions," NATURE BIOTECHNOLOGY, 17: pp. 683-690 (1999).

Yu, Y. et al., "Investigation of electrostatic interactions in two-stranded coiled-coils through residue shuffling," BIOPHYSICAL CHEMISTRY, 59: pp. 299-314 (1996).

All of the documents listed above were cited in an International Search Report issued in connection with the counterpart PCT application (copy enclosed).

Applicants request that these documents be (1) fully considered by the Examiner during the examination of this application; and (2) printed on any patent that may issue from this application.

Applicants also request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

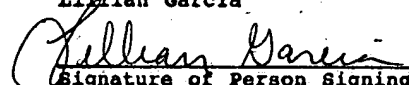


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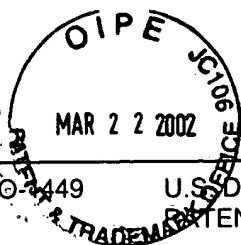
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March 18, 2002  
Lillian Garcia



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FORM PTO-449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. VOS-25	SERIAL NO. 10/019,596
	APPLICANT Plückthun, Andreas et al.	CONFIRMATION NO. 8037
	FILING DATE December 26, 2001	GROUP Not yet assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 98 34120	8/6/98	PCT	G01N	33/68		

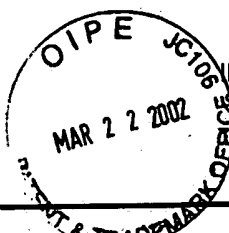
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Arndt, K. M. et al., "In-vivo selection of interacting peptide libraries by selectively-infective phages," <u>FASEB JOURNAL</u> 11(9): p. A1327 (1997).
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	Pelletier, J. N. et al., "An in vivo library-versus-library selection of optimized protein-protein interactions," <u>NATURE BIOTECHNOLOGY</u> 17: pp. 683-690 (1999).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VOS-25	SERIAL NO. 10/019,596
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Plückthun, Andreas et al.	CONFIRMATION NO. 8037
		FILING DATE December 26, 2001	GROUP Not yet assigned

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	Yu, Y. et al., "Investigation of electrostatic interactions in two-stranded coiled-coils through residue shuffling," BIOPHYSICAL CHEMISTRY 59: pp. 299-314 (1996).

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